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April 1965

PHOTOGRAPHIC INTERPRETATION REPORT

17049

**OAK - PART IV**  
**MISSION 1018-1**  
**26-29 MARCH 1965**

- Declass Review by NIMA/DOD



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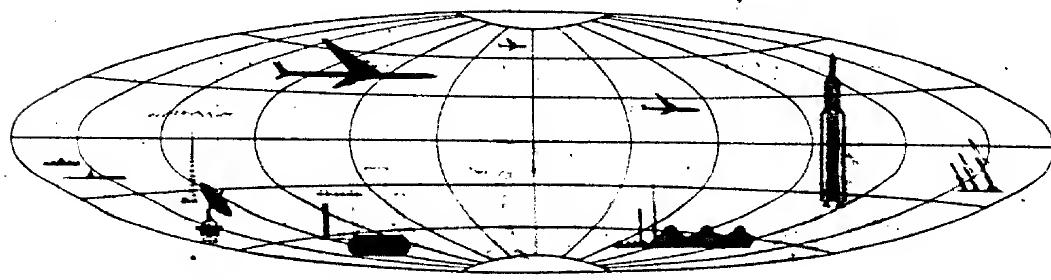
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**MISSION 1018-1, 26-29 MAR 65**

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OAK - PART IV  
MISSION 1018-1

PREFACE

THIS IS THE FOURTH AND FINAL OAK REPORT ON MISSION 1018-1 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMITDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERAL DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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## Highlights

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HIGHLIGHTS

LENINGRAD AMM/SAM LAUNCH COMPLEXES

25X1A

THE LENINGRAD AREA IS OBSERVED ON CLEAR, GOOD-QUALITY, STEREO PHOTOGRAPHY WITH SNOW CONDITIONS PREVAILING. AN ELECTRONIC SITE SIMILAR TO THAT AT THE SE CORNER OF THE LENINGRAD NW AMM/SAM LAUNCH COMPLEX IS APPARENTLY UNDER CONSTRUCTION AT BOTH THE LENINGRAD NE AND SW AMM/SAM COMPLEXES.

STATUS OF COMOR TARGET READOUT

TWENTY TARGETS WERE OBSERVED DURING THE OAK REPORTING PERIOD AND ARE CONTAINED IN THIS OAK. A TOTAL OF 139 WERE REPORTED AND ARE LISTED IN THE INDEX AT THE CONCLUSION OF THIS REPORT. IN ADDITION, 7 BONUSES WERE REPORTED.

NOTE

A TABULAR SUMMARY RECAPITULATING SIGNIFICANT ACTIVITY OBSERVED ON MISSIONS 1018-1 AND 1018-2 WILL APPEAR IN THE FINAL PART OF OAK 1018-2. THE FOLLOWING TABLE PROVIDES THE DATE AND TIME OF PHOTOGRAPHIC PASSES ON MISSION 1018-1.

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MISSILES

25X1A

PLESETSK ICBM COMPLEX

UR 6254N 04038E

25X1D COMPLEX COVERED ON FAIR- TO GOOD-QUALITY, STEREO PHOTOGRAPHY. NO APPARENT CHANGE OBSERVED SINCE MISSION [REDACTED] AT THE COMPLEX SUPPORT FACILITY, TRANSFER POINT, ADMINISTRATION AND HOUSING AREA, LAUNCH POINTS I-IV (SITES 1-3), LAUNCH AREAS A (SITE 4), B (SITE 5), D (SITE 8), AND E (SITE 7). NO SIGNIFICANT CHANGE OBSERVED SINCE [REDACTED] AT LAUNCH AREA C (SITE 6). NO APPARENT CHANGE OBSERVED AT LAUNCH AREA F SINCE [REDACTED] LAUNCH AREA G (SITE 9) WAS CLOUD COVERED AND LAUNCH AREA H (SITE 10) WAS IDENTIFICATION ONLY.

25X1D [REDACTED] AND THE UNIDENTIFIED ACTIVITY 1 NM NE OF THE ADMINISTRATION AND HOUSING AREA SHOWED NO APPARENT CHANGE SINCE MISSION [REDACTED] CONSTRUCTION CONTINUES AT THE UNIDENTIFIED ACTIVITY LOCATED SW OF THE COMPLEX SUPPORT FACILITY AT 62-54N 040-35E, HOWEVER, POOR IMAGE QUALITY PRECLUDES DETERMINATION OF CONSTRUCTION STATUS. THE UNIDENTIFIED AREA EAST OF THE COMPLEX SUPPORT FACILITY AT 62-55N 041-24E WAS NOT COVERED. NO ABM-RELATED INSTALLATIONS SIMILAR TO THOSE AT SARY-SHAGAN, LENINGRAD, OR MOSCOW OBSERVED IN THE WESTERN HALF OF A 50-NM SEARCH AREA. EASTERN HALF NOT COVERED.

25X1D [REDACTed]

VERKHNYAYA SALDA ICBM COMPLEX

UR 5802N 06024E

25X9 THE COMPLEX IS PARTIALLY COVERED BY FAIR- TO POOR-QUALITY PHOTOGRAPHY. THE COMPLEX SUPPORT FACILITY AND RAIL-TO-ROAD TRANSFER POINT ARE IDENTIFICATION ONLY AND [REDACTED] IS CLOUD COVERED.

25X1D NO APPARENT CHANGE OBSERVED IN THE AUXILIARY SUPPORT FACILITY OR LAUNCH AREAS A (SITE 2), B (SITE 1), C (SITE 3), D (SITE 4), F (SITE 7), H (SITE 9) AND I (SITE 10), SINCE [REDACTED] LAUNCH AREAS E (SITE 5), AND G (SITE 8) ARE NOT COVERED. NO SIGNIFICANT CHANGE SINCE [REDACTED] CAN BE DETECTED IN THE UNIDENTIFIED ACTIVITY NORTH OF THE AUXILIARY SUPPORT FACILITY, HOWEVER POOR IMAGE QUALITY PRECLUDES DETAILED INTERPRETATION.

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NO ABM ACTIVITY NOTED IN THE CLOUD-FREE AREAS OF THE  
50-NM-RADIUS SEARCH AREA.

25X1D

25X1A

YOSHKAR-OLA ICBM COMPLEX

UR 5633N 04801E

THE ENTIRE COMPLEX IS COVERED BY GOOD-QUALITY, STEREO PHOTOGRAPHY. THE COMPLEX SUPPORT FACILITY CONSISTS OF A RAILHEAD AND STORAGE AREA AND 3 HOUSING AREAS. THE RAILHEAD AND STORAGE AREA CONTAINS 4 RAIL SPURS, APPROXIMATELY 45 BUILDINGS, AND AN OPEN STORAGE AREA. ONE HOUSING AREA IS LOCATED SW OF THE RAILHEAD AND STORAGE AREA AND CONTAINS APPROXIMATELY 40 BUILDINGS. THE OTHER 2 ARE LOCATED EAST OF THE RAILHEAD AND STORAGE AREA AND CONTAIN APPROXIMATELY 25 AND 20 BUILDINGS RESPECTIVELY. AN UNIDENTIFIED FACILITY CONTAINING APPROXIMATELY 15 BUILDINGS IS LOCATED NORTH OF THE COMPLEX MAIN ROAD OPPOSITE THE EASTERNMOST HOUSING AREA.

RAIL-TO-ROAD TRANSFER POINT IS A COMPLETED LOOP-TYPE CONTAINING APPROXIMATELY 15 BUILDINGS.

LAUNCH AREA A (SITE 1) IS A COMPLETED TYPE IIB LAUNCH SITE. AN EARTH-BANKED MISSILE READY BUILDING IS LOCATED BEHIND EACH LAUNCH PAD AND 3 EARTH-MOUNDED BUILDINGS ARE LOCATED LEFT OF THE OFFSET CENTER SERVICE ROAD. AN EARTH-MOUNDED BUILDING IS LOCATED IN FRONT OF AND SLIGHTLY TO THE RIGHT OF THE RIGHT MISSILE READY BUILDING AND

THE SITE SUPPORT FACILITY, LOCATED JUST SOUTH OF THE LAUNCH SITE, CONSIST OF 2 SECTIONS, 1 CONTAINING APPROXIMATELY 25 BUILDINGS, THE OTHER APPROXIMATELY 20. A SMALL UNIDENTIFIED FENCED AREA CONTAINING 1 BUILDING IS LOCATED JUST EAST OF THE SITE SUPPORT FACILITY.

LAUNCH AREA B (SITE 2) CONSISTS OF A COMPLETED TYPE IIB LAUNCH SITE AND A SITE SUPPORT FACILITY. AT THE LAUNCH SITE, 1 MISSILE READY BUILDING IS LOCATED BEHIND THE LEFT LAUNCH PAD AND 2 BUILDINGS (1 EARTH-MOUNDED) ARE LOCATED LEFT OF THE OFFSET CENTER SERVICE ROAD. THE

25X9  
25X9

25X9

THE SITE SUPPORT FACILITY IS LOCATED JUST SOUTH OF THE LAUNCH SITE AND CONTAINS

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APPROXIMATELY 25 BUILDINGS.

LAUNCH AREA C (SITE 3) CONSISTS OF A COMPLETED TYPE IIB LAUNCH SITE AND A SITE SUPPORT FACILITY. AT THE LAUNCH SITE, 1 EARTH-BANKED MISSILE READY BUILDING IS LOCATED BEHIND THE LEFT LAUNCH PAD. FIVE BUILDINGS, 3 OF WHICH ARE EARTH-MOUNDED, ARE LEFT OF THE CENTER SERVICE ROAD AND [REDACTED]

25X9  
25X9

[REDACTED] THE SITE SUPPORT FACILITY, CONTAINING APPROXIMATELY 25 BUILDINGS, IS LOCATED JUST EAST OF THE LAUNCH SITE.

LAUNCH AREA D (SITE 4) CONSISTS OF A COMPLETED TYPE IID LAUNCH SITE AND A SITE SUPPORT FACILITY. AN EARTH-BANKED MISSILE READY BUILDING IS LOCATED TO THE REAR OF THE LEFT LAUNCH PAD AND A MISSILE READY BUILDING IS LOCATED BEHIND THE RIGHT LAUNCH PAD. TWO EARTH-MOUNDED BUILDINGS ARE LOCATED INBOARD OF AND CANTED TO EACH OF THE LAUNCH PADS. THREE OTHER EARTH-MOUNDED BUILDINGS ARE APPROXIMATELY CENTERED BETWEEN THE LAUNCH PADS. [REDACTED]

25X9

25X9

THE SITE SUPPORT FACILITY, CONTAINING APPROXIMATELY 35 BUILDINGS, IS LOCATED NE OF THE LAUNCH SITE.

LAUNCH AREA E (SITE 5) CONSISTS OF A COMPLETED TYPE IID LAUNCH SITE AND A SITE SUPPORT FACILITY. ONE EARTH-BANKED AND 1 EARTH-MOUNDED MISSILE READY BUILDING ARE TO THE REAR OF THE LEFT LAUNCH PAD. TWO EARTH-MOUNDED BUILDINGS ARE LOCATED INBOARD OF AND CANTED TO EACH OF THE LAUNCH PADS. THREE OTHER EARTH-MOUNDED BUILDINGS ARE APPROXIMATELY CENTERED BETWEEN THE PADS AND [REDACTED]

25X9  
25X9

THE SITE SUPPORT FACILITY, CONTAINING APPROXIMATELY 20 BUILDINGS, IS LOCATED EAST OF THE LAUNCH SITE.

LAUNCH AREA F (SITE 6) CONSISTS OF A COMPLETED TYPE IID LAUNCH SITE AND A SITE SUPPORT FACILITY. TWO EARTH-MOUNDED MISSILE READY BUILDINGS ARE LOCATED BEHIND THE LEFT LAUNCH PAD AND 1 EARTH-MOUNDED READY BUILDING IS LOCATED TO THE REAR OF THE RIGHT LAUNCH PAD. TWO EARTH-MOUNDED BUILDINGS ARE INBOARD OF AND CANTED TO EACH OF THE LAUNCH PADS. THREE OTHER EARTH-MOUNDED BUILDINGS ARE CENTRALLY LOCATED BETWEEN THE 2 PADS. [REDACTED]

25X9  
25X9

THE SITE

SUPPORT FACILITY, CONTAINING APPROXIMATELY 25 BUILDINGS, IS LOCATED JUST WEST OF THE LAUNCH SITE.

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THE COMMUNICATIONS FACILITY, LOCATED NORTH OF THE RAIL-TO-ROAD TRANSFER POINT, CONTAINS A CONTROL BUILDING BUT OTHER COMPONENTS ARE NOT DISCERNIBLE.

NO EVIDENCE OF HF COMMUNICATIONS IS APPARENT AT THE PREVIOUSLY REPORTED POSSIBLE HF COMMUNICATIONS FACILITY. THIS FACILITY CONSISTS OF 1 AREA CONTAINING 6 LARGE RECTANGULAR BUILDINGS, APPROXIMATELY 10 OTHER BUILDINGS AND A POSSIBLE STACK, AND AN ADJOINING AREA CONTAINING APPROXIMATELY 8 BUILDINGS.

NO ABM ACTIVITY NOTED IN THE 60 PERCENT CLOUD-FREE AREA OF THE 50-NM-RADIUS SEARCH AREA.

25X1D

25X1A

**PERM ICBM COMPLEX**

UR 5742N 05619E

25X1D

THE COMPLEX IS COVERED BY FAIR- TO POOR-QUALITY STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGE IN THE COMPLEX SUPPORT FACILITY AND RAIL-TO-ROAD TRANSFER POINT SINCE [REDACTED]

[REDACTED] NO APPARENT CHANGE OBSERVED

25X1D

AT LAUNCH AREA A (SITE 1) SINCE [REDACTED] AND LAUNCH AREAS B (SITE 2), D (SITE 6), AND F (SITE 4) SINCE [REDACTED] LAUNCH AREA C (SITE 3) IS CLOUD-COVERED. LAUNCH AREA E (SITE 5) IS IDENTIFICATION ONLY. ACTIVITY IS APPARENT AT SITES 1 THROUGH 9. HOWEVER, LIMITING PHOTOGRAPHIC CONDITIONS PRECLUDE DETAILED INTERPRETATION.

25X1D

NO ABM ACTIVITY WAS OBSERVED IN CLOUD-FREE PORTIONS OF THE EASTERN HALF OF 50-NM-RADIUS SEARCH AREA. THE WESTERN HALF WAS NOT COVERED BY PHOTOGRAPHY.

25X1D

**YEDROVO ICBM COMPLEX**

UR 5751N 03340E

ENTIRE COMPLEX COVERED BY GOOD-QUALITY, STEREO PHOTOGRAPHY. THE COMPLEX SUPPORT FACILITY IS LOCATED AT AN ABANDONED AIRFIELD. IT CONSISTS OF A RAILHEAD/STORAGE AREA, AN ADMINISTRATION/HOUSING AREA AND A HOUSING AREA. THE RAILHEAD/STORAGE AREA CONSISTS OF 4 SPURS, AN OPEN STORAGE AREA, A CONCRETE BATCH PLANT AND APPROXIMATELY 50 BUILDINGS. THE ADMINISTRATION/HOUSING AREA CONTAINS APPROXIMATELY 100 BUILDINGS AND THE HOUSING SECTION CONTAINS

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25X9  
25X9

APPROXIMATELY 55 BUILDINGS AND A VEHICLE/EQUIPMENT POOL. THE RAIL-TO-ROAD TRANSFER POINT IS LOCATED 1.5 NM NW OF THE COMPLEX SUPPORT FACILITY. IT CONTAINS 5 WAREHOUSE-TYPE BUILDINGS, 12 OTHER BUILDINGS, AND A POL TANK. [REDACTED]

25X9  
25X9

LAUNCH AREA A (SITE 2) IS A COMPLETED TYPE IIB LAUNCH SITE. A MISSILE READY BUILDING IS LOCATED BEHIND EACH PAD, AND [REDACTED] THE SITE SUPPORT FACILITY CONTAINS APPROXIMATELY 30 BUILDINGS.

25X9  
25X9

LAUNCH AREA B (SITE 1) IS A COMPLETED TYPE IIB LAUNCH SITE. A MISSILE READY BUILDING IS BEHIND THE LEFT PAD. [REDACTED] THE SITE SUPPORT FACILITY CONTAINS APPROXIMATELY 30 BUILDINGS. THE CONSTRUCTION CAMP SOUTH OF THE SITE IS BEING REMOVED.

25X9  
25X9

LAUNCH AREA C (SITE 5) IS A COMPLETED TYPE IID SITE WITH 2 READY BUILDINGS BEHIND THE LEFT PAD AND 1 BEHIND THE RIGHT. ACTIVITY ON LEFT PAD. [REDACTED]

25X9

SITE SUPPORT FACILITY CONTAINS APPROXIMATELY 25 BUILDINGS.

25X9  
25X9

LAUNCH AREA D (SITE 4) IS A COMPLETED TYPE IID LAUNCH SITE. THREE MISSILE READY BUILDINGS ARE SITUATED BEHIND THE RIGHT PAD AND [REDACTED] SITE SUPPORT FACILITY CONTAINS APPROXIMATELY 30 BUILDINGS.

25X9

LAUNCH AREA E (SITE 8) IS A COMPLETED TYPE IIIA SITE. A RIM FACILITY SOUTH OF THE SITE CONTAINS A RIM BUILDING AND [REDACTED] FACILITY. THE SITE SUPPORT FACILITY CONTAINS APPROXIMATELY 20 BUILDINGS.

25X9

LAUNCH AREA F (SITE 6) IS A COMPLETED TYPE IID LAUNCH SITE. TWO MISSILE READY BUILDINGS ARE LOCATED BEHIND THE LEFT PAD AND 1 LOCATED BEHIND THE RIGHT PAD. A [REDACTED]

THE SITE. SITE SUPPORT FACILITY CONTAINS APPROXIMATELY 25 BUILDINGS. MOST OF THE BUILDINGS IN THE CONSTRUCTION CAMP EAST OF THE SITE SUPPORT FACILITY HAVE BEEN REMOVED.

LAUNCH AREA G (SITE 7) IS A COMPLETED TYPE IID LAUNCH

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25X9 SITE. TWO READY BUILDINGS ARE BEHIND THE LEFT PAD AND 1 BEHIND THE RIGHT PAD. [REDACTED]

25X9

[REDACTED] SITE SUPPORT FACILITY CONTAINS APPROXIMATELY 25 BUILDINGS.

LAUNCH AREA I (SITE 3) IS A COMPLETED TYPE IIIA LAUNCH SITE. SITE SUPPORT FACILITY CONTAINS APPROXIMATELY 20 BUILDINGS.

25X1D NO ABM ACTIVITY OBSERVED IN WESTERN TWO-THIRDS OF 50-NM-RADIUS SEARCH AREA. EASTERN ONE-THIRD IS NOT COVERED.

25X1A

KOZELSK ICBM COMPLEX

UR 5356N 03549E

COMPLEX COVERED BY POOR-QUALITY, STEREO PHOTOGRAPHY. NO APPARENT CHANGE IN THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, OR LAUNCH AREAS A (SITE 3) AND E (SITE 5). LAUNCH AREA D (SITE 4) IS IDENTIFICATION ONLY AND LAUNCH AREAS B (SITE 2) AND F (SITE 6) ARE CLOUD COVERED.

SEVERAL AREAS OF UNIDENTIFIED ACTIVITY ARE OBSERVED AROUND THE COMPLEX, BUT POOR-QUALITY PHOTOGRAPHY PRECLUDES DETAILED INTERPRETATION.

25X1D TWO OF THE 3 AREAS OF SUSPECT ACTIVITY SEEN ON MISSION [REDACTED] ARE CLOUD COVERED. THE THIRD AREA IS IDENTIFICATION ONLY.

25X1D NO ABM ACTIVITY OBSERVED IN THE CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA.

IMENI GASTELLO ICBM COMPLEX

UR 5107N 06619E

25X1D COMPLEX COVERED BY FAIR-QUALITY, STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGE OBSERVED AT THE COMPLEX SUPPORT FACILITY SINCE [REDACTED]. IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION OF THE AREA OF UNIDENTIFIED ACTIVITY IMMEDIATELY SW OF THE RAILHEAD/STORAGE AREA. NO SIGNIFICANT CHANGE OBSERVED AT THE POSSIBLE RAIL-TO-ROAD TRANSFER POINT SINCE [REDACTED]

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25X1D LAUNCH SITE A (SITE 1) IS SECURED BY A FENCE AND THE SILO EXCAVATION HAS BEEN PARTIALLY BACKFILLED. LAUNCH AREAS B (SITE 2), C (SITE 3), AND F (SITE 6) SHOW NO SIGNIFICANT CHANGE SINCE [REDACTED]. AREA D (SITE 4) SHOWS NO SIGNIFICANT CHANGE SINCE MISSION [REDACTED]. SITE E (SITE 5) IS NOW SECURED AND THE SILO EXCAVATION IS PARTIALLY BACKFILLED.

25X1D CONSTRUCTION ACTIVITY IS APPARENT AT ALL OF THE LAUNCH SITES AND THEY REMAIN IN THE MID-STAGE OF CONSTRUCTION.

NO ABM ACTIVITY OBSERVED WITHIN THE 50-NM-RADIUS SEARCH AREA.

25X1D [REDACTED] 25X1A

VORU MRBM LAUNCH SITE 2 UR 5749N 02650E

A 25-NM-RADIUS SEARCH AROUND THE LAUNCH AREA REVEALS NO NEW SSM ACTIVITY SIMILAR TO THAT AT AREA 4C, KYMTC.

THE AREA WAS 100 PERCENT COVERED ON CLEAR, CLOUD-FREE, GOOD QUALITY PHOTOGRAPHY, BUT CANNOT BE NEGATED DUE TO SNOW COVER.

25X1D [REDACTED]

PETROVSKIY IRBM LAUNCH SITE UR 5000N 05658E

LAUNCH SITE AND SITE SUPPORT FACILITY OBSERVED ON HAZE-COVERED PHOTOGRAPHY.

25X1D NO APPARENT CHANGE IN EXISTING FACILITIES OR NEW CONSTRUCTION OBSERVED SINCE [REDACTED]

25X1D [REDACTED]

KARAKHOBDA IRBM LAUNCH SITE UR 4957N 05651E

25X1D NO APPARENT CHANGE IN STATUS OF CONSTRUCTION AT LAUNCH SITE AND SITE SUPPORT FACILITY SINCE [REDACTED]

25X1D THE PRESENCE OF [REDACTED]

25X9 ELECTRONIC/COMMUNICATIONS FACILITIES WAS NOT OBSERVED.

25X1D [REDACTED]

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25X1A

SHORGON IRBM LAUNCH SITE 2 25X1D UR 5426N 02618E

NO APPARENT CHANGE SINCE [REDACTED]

25X1D [REDACTED]

REDKINO MRBM LAUNCH SITE 25X9 UR 5724N 02826E

COMPLETE TYPE IV AREA WITH A COMPLETE [REDACTED] FACILITY. NO CONSTRUCTION OR CHANGES IN EXISTING FACILITIES OBSERVED. LAUNCH AREA WAS COMPLETELY COVERED BY PHOTOGRAPHY BUT SNOW COVER AND HAZE REDUCED THE QUALITY.

25X1D [REDACTED]

TSIRGULIINA IRBM LAUNCH SITE 25X9 UR 5749N 02612E

COMPLETE TYPE IV IRBM LAUNCH AREA [REDACTED] FACILITY UNDER CONSTRUCTION, BUT STATUS UNDETERMINED. NO ELECTRONIC/COMMUNICATIONS FACILITIES OBSERVED. A 25-NM SEARCH REVEALS NO NEW SSM ACTIVITY.

25X1D [REDACTED]

LEJASCIEMS MRBM LAUNCH SITE 2 25X9 UR 5713N 02633E

COMPLETE TYPE IV MRBM LAUNCH AREA. NO ELECTRONIC OR [REDACTED] FACILITIES OBSERVED. CLEAR, GOOD QUALITY, SNOW-COVERED PHOTOGRAPHY COVERED THE ENTIRE LAUNCH AREA.

25X1D [REDACTED]

POSTAVY MRBM LAUNCH SITE 2 25X1D UR 5506N 02700E

NO APPARENT CHANGE SINCE [REDACTED]

25X9 ENTIRE LAUNCH AREA COVERED ON CLOUD-FREE PHOTOGRAPHY. LAUNCH AREA [REDACTED] IS COMPLETE.

25X1D [REDACTED]

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25X1A

SEMLEVO SUSPECT MISSILE AREA

UR 5501N 03357E

25X1D

A 25-NM-RADIUS SEARCH AREA COVERED BY CLOUD-FREE  
PHOTOGRAPHY. THE NEW RAIL SPUR REPORTED TO BRANCH OFF  
MAIN LINE AT SEMLEVO AND LEAD SOUTH NOT OBSERVED DUE TO  
SNOW.

25X1B

LENINGRAD AMM/SAM LAUNCH COMPLEXES

UR 5955N 03020E

THE LENINGRAD AREA IS OBSERVED ON CLEAR, GOOD-QUALITY,  
STEREO PHOTOGRAPHY WITH SNOW CONDITIONS PREVAILING. NO  
AMM-RELATED ELECTRONIC EQUIPMENT SUCH AS HEN EGG, HEN  
NEST, OR HEN HOUSE WERE IDENTIFIED IN A 40-NM-RADIUS  
SEARCH OF THE AREA. NO [REDACTED]  
FACILITIES SERVING SITES OR COMPLEXES WERE IDENTIFIED.

25X9

AN ELECTRONIC SITE SIMILAR TO THAT AT THE SE CORNER OF  
THE LENINGRAD NW AMM/SAM LAUNCH COMPLEX IS APPARENTLY  
UNDER CONSTRUCTION AT BOTH THE LENINGRAD NE AND SW  
AMM/SAM COMPLEXES.

25X1D

AT THE NW COMPLEX, LAUNCH SITES A AND B REMAIN  
APPARENTLY INACTIVE, AND TREES HAVE NOT YET BEEN  
CLEARED FROM THE SITES. TREES AT SITES C, D, AND E  
WERE REMOVED BETWEEN MISSIONS [REDACTED]  
[REDACTED] NO SIGNIFICANT CHANGES OBSERVED AT LAUNCH  
SITES C, D, AND E SINCE [REDACTED] AN  
OBJECT NOT DISCERNIBLE ON PREVIOUS PHOTOGRAPHY  
PROTRUDES FROM THE MISSILE READY BUILDING TOWARD THE  
LAUNCH POINT AT LAUNCH POSITION C-2. THE ENTIRE  
REVETTED AREA OF LAUNCH POSITION E-6 IS DARK IN TONE.

25X1D

25X1D

THREE VANS LOCATED ON THE HARDSTAND AT POSITION 4 OF  
THE ELECTRONIC SITE ON [REDACTED] HAVE BEEN REMOVED.  
NO OTHER CHANGES OR ADDITIONS OBSERVED AT THIS SITE.  
TRACKAGE IN THE SNOW IS EVIDENT IN THE SUPPORT AND  
BARRACKS AREAS.

25X1D

TOP SECRET CHESS RUFF

Handle Via  
TALENT-KEYHOLE  
Control System Only

TCS-80489/65

MISSION 1018-1,26-29 MAR 65

THE ELEVATED CIRCULAR PLATFORM AT THE OUTRIGGER POSITION NE OF THE PROBABLE COMPLEX CONTROL CENTER APPEARS 50 PERCENT CLEAR OF SNOW. THE 4 ROWS OF VEHICLES/EQUIPMENT REMAIN PARKED IN THE CLEARING NW OF LAUNCH SITE A. THE SA-3 SAM SITE WITHIN THE COMPLEX IS OCCUPIED.

25X1D

SIGNIFICANT NEW ACTIVITY AT THE LENINGRAD NE AMM/SAM LAUNCH COMPLEX SINCE [REDACTED] INCLUDES A PROBABLE HARDSTAND UNDER CONSTRUCTION IMMEDIATELY NW OF THE PROBABLE COMPLEX CONTROL CENTER, GROUND SCARRING AND A PROBABLE EXCAVATION JUST EAST OF THE ROAD LEADING SW FROM THE SUPPORT AREA, AND AN UNIDENTIFIED OBJECT NW OF THE DRIVE-THROUGH REVETMENT.

THE LEVEL AREA ATOP THE MOUNDED POSITION MAY BE ENCLOSED BY A LOW WALL. THE LAUNCH AREA MAIN ROAD IS CLEAR OF SNOW AND TRACKAGE AND 2 PROBABLE VEHICLES ARE OBSERVED ON THE PERIMETER ROAD OF LAUNCH SITE B. STATUS OF THE LAUNCH POSITIONS IS UNDETERMINED.

SIGNIFICANT NEW ACTIVITY AT THE LENINGRAD SW AMM/SAM COMPLEX INCLUDES AN ELECTRONIC SITE UNDER CONSTRUCTION CONSISTING OF A PREVIOUSLY REPORTED POSSIBLE REVETMENT (NOW CONFIRMED AS A DRIVE-THROUGH REVETMENT), 3 HARDSTANDS UNDER CONSTRUCTION IN A WOODED AREA WSW OF THE PROBABLE COMPLEX CONTROL CENTER, AND AN AREA CLEARED OF TREES POSSIBLY FOR ANOTHER HARDSTAND POSITION NW OF THE CONTROL CENTER. THE ELEVATED CIRCULAR PLATFORM AT THE OUTRIGGER POSITION NW OF THE CONTROL CENTER IS PARTIALLY CLEAR OF SNOW.

THE PERIMETER ROADS OF LAUNCH SITES A, B, AND D ARE CLEARED OF SNOW WHILE THOSE AT SITES C AND E ARE UNEARED. THERE APPEARS TO BE EQUIPMENT/VEHICLES AT EACH OF THE LAUNCH POSITIONS OF SITES A, B, AND D. NONE IS DISCERNIBLE ON THE LAUNCH POSITIONS OF SITES C AND E.

ROADS THROUGHOUT THE SUPPORT AND BARRACKS AREAS ARE CLEAR OF SNOW. THE SA-3 SAM SITE IMMEDIATELY SOUTH OF THE COMPLEX IS OCCUPIED. TRACKAGE IN THE SNOW IS EVIDENT AROUND THE MISSILE READY BUILDING AT THE POSSIBLE AMM TRAINING SITE AND UNIDENTIFIED OBJECTS NOT CLEARLY DISCERNIBLE ARE LOCATED BEHIND THE BUILDING.

PHOTO REFERENCES FOR SIGNIFICANT ITEMS FOLLOW --

NW. COMPLEX -- [REDACTED]

25X1D

16

TOP SECRET CHESS RUFF

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TALENT-KEYHOLE  
Control System Only

Handle Via  
TALENT-KEYHOLE  
Control System Only

**TOP SECRET CHESS RUFF**

**TCS-80489/65**

**MISSION 1018-1, 26-29 MAR 65**

25X1D



25X1A

**ANTIPINSKOYE SAM ACTIVITY**

**UR 5254N 11332E**

25X1D      NO APPARENT CHANGE IN RADAR SITE 12.7 NM SW OF LAUNCH SITE POSITIONS SINCE [REDACTED] NO INSTRUMENTATION SITE OBSERVED IN 25-NM SEARCH AREA EAST OF THE LAUNCH AREA.

25X1D      ENTIRE AREA IS COVERED ON CLEAR, FAIR-QUALITY PHOTOGRAPHY. THERE HAS BEEN NO CHANGE IN THE PERMANENT FACILITIES SINCE [REDACTED] AND THERE IS NO INDICATION OF NEW CONSTRUCTION ACTIVITY IN THE AREA.

25X1D      [REDACTED]

**17**

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Control System Only

**TOP SECRET CHESS RUFF**

**Nuclear  
Energy**

25X2

Approved For Release 2000/09/08 : CIA-RDP78T05439A000500030050-2

Approved For Release 2000/09/08 : CIA-RDP78T05439A000500030050-2

## **Index**

## TOP SECRET CHESS RUFF

TCS-80489/65

Handle Via  
TALENT-KEYHOLE  
Control System Only

25X1A

INDEX OF COMOR TARGETS

COMOR

INSTALLATION NAME

CTY COORDINATES OAK

PLESETSK ICBM COMPLEX  
VERKHNYAYA SALDA ICBM COMPLEX  
TYURATAM MISSILE TEST CENTER  
YOSHKAR-OLA ICBM COMPLEX  
DROVYANAYA ICBM COMPLEX  
OMSK ICBM COMPLEX  
PERM ICBM COMPLEX  
TYUMEN ICBM COMPLEX  
YEDROVO ICBM COMPLEX  
GLADKAYA ICBM COMPLEX  
UZHUR ICBM COMPLEX  
KOZELSK ICBM COMPLEX  
OLOVYANNAYA ICBM COMPLEX  
IMENI GASTELLO ICBM COMPLEX  
TATISHCHEVO ICBM COMPLEX  
SLEDYUKI MRBM LAUNCH SITE  
VORU MRBM LAUNCH SITE 2  
PETROVSKIY IRBM LAUNCH SITE  
MARINA GORKA MRBM LAUNCH SITE  
SKRUNDA IRBM LAUNCH SITE  
KARAKHOBDA IRBM LAUNCH SITE  
GRANOV IRBM LAUNCH SITE 2  
SMORGON IRBM LAUNCH SITE 2  
GURLEVO MRBM LAUNCH SITE  
RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE  
LIELELEJA MRBM LAUNCH SITE  
IECAVA MRBM LAUNCH SITE 3  
REDKINO MRBM LAUNCH SITE  
TSIRGULIINA IRBM LAUNCH SITE  
VAINODE IRBM LAUNCH SITE  
ZHURAVKA IRBM LAUNCH SITE  
KALNIK IRBM LAUNCH SITE  
LEJASCIEMS MRBM LAUNCH SITE 2  
POSTAVY MRBM LAUNCH SITE 2  
SOVETSKAYA GAVAN MRBM LAUNCH FACILITY  
KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR  
SARY-SHAGAN ANTIMISSILE TEST CENTER  
MAKAT FIELD LAUNCH POINT (MRBM)  
KURUMOCH ROCKET ENGINE TEST FACILITY  
KRASNOYARSK ROCKET ENGINE TEST FACILITY  
OMSK RKT ENG TEST FAC GORNAYA BITIYA  
PEIPIPING RKT ENG TEST FAC CHANG-HSIN-TIEN  
PERM ROCKET ENGINE TEST FACILITY  
STERLITAMAK STATIC TEST FACILITY  
KUZNETSK SUSPECT SSM AREA

UR 6254N 04038E 4  
UR 5802N 06024E 4  
UR 4538N 06317E 3  
UR 5633N 04801E 4  
UR 5131N 11300E 3  
UR 5504N 07331E 1  
UR 5742N 05619E 4  
UR 5652N 06551E 2  
UR 5751N 03340E 4  
UR 5605N 09211E 3  
UR 5517N 08949E 3  
UR 5356N 03549E 4  
UR 5049N 11550E 3  
UR 5107N 06619E 4  
UR 5140N 04534E 3  
UR 5341N 03020E 2  
UR 5749N 02650E 4  
UR 5000N 05658E 4  
UR 5326N 02745E 3  
UR 5635N 02149E 3  
UR 4957N 05651E 4  
UR 4849N 02929E 3  
UR 5426N 02618E 4  
UR 5925N 02852E 3  
UR 5104N 02807E 3  
UR 5624N 02336E 3  
UR 5633N 02420E 1  
UR 5724N 02826E 4  
UR 5749N 02612E 4  
UR 5628N 02150E 3  
UR 5436N 07640E 3  
UR 4859N 02922E 3  
UR 5713N 02633E 4  
UR 5506N 02700E 4  
UR 4904N 14007E 2  
UR 4835N 04545E 3  
UR 4602N 07334E 3  
UR 4758N 05342E 2  
UR 5331N 04949E 1  
UR 5605N 09327E 1  
UR 5525N 07317E 1  
CH 3950N 11608E 2  
UR 5801N 05634E 1  
UR 5341N 05558E 1  
UR 5307N 04636E 2

## TOP SECRET CHESS RUFF

TCS-80489/65

Handle Via  
TALENT-KEYHOLE  
Control System Only

25X1B

25X1A

SEMLEVO SUSPECT MISSILE AREA  
KIROV SUSPECT MISSILE AREA

UR 5501N 03357E 4  
UR 5405N 03415E 1

SUKREML SUSPECT MISSILE AREA  
SEVERODVINSK NAVAL BASE AND SHIPYARD 402  
SEVEROMORSK SUSPECT NAVAL MSL STORAGE  
KOMSOMOLSK SHIPYARD AMUR 199  
GUBA SAYDA SUBMARINE BASE  
GUBA OLENYA SUBMARINE BASE  
POLYARNYY NAVAL BASE  
GUBA LITSA SUBMARINE BASE  
GUBA LITSA NAVAL MISSILE STORAGE  
GUBA MOTKA NAVAL BASE  
TERIBERKA NAVAL BASE  
YOKANGA NAVAL BASE AND SHIP REPAIR YARD  
VLADIMIR SUBMARINE BASE  
ROSTA NAVAL BASE AND SHIPYARD SEVMORPUT  
KALININGRAD SUSP NAVAL MISSILE STORAGE  
GUBA URA NAVAL BASE  
DOLGAYA NAVAL BASE  
GUBA PALA NAVAL BASE AND SHIP REPAIR YARD  
PETROVKA SHIPYARD  
STRELOK STRAIT SUB BASE PAVLOVSKOGO  
ZALIV VOSTOK NAVAL BASE LIVADIYA  
BUKHTA ABREK NAVAL MISSILE SUPPORT FAC  
DUNAY PROBABLE NAVAL MISSILE STORAGE  
SOVETSKAYA GAVAN SUBMARINE BASE  
SOVETSKAYA GAVAN NVL BASE & SHIPYARD 263  
MOSCOW SUSPECT ABM AREA  
LENINGRAD AMM/SAM LAUNCH COMPLEXES  
ANTIPINSKOYE SAM ACTIVITY  
CHOKURDAKH SUSPECT ABM AREA  
CHEREPOVETS PROB AMM/SAM LAUNCH COMPLEX  
KALIDJATI SAM TRAINING CENTER  
KALIDJATI AIRFIELD

UR 5349N 03426E 2  
UR 6434N 03949E 1  
UR 6906N 03328E 2  
UR 5033N 13702E 2  
UR 6915N 03321E 1  
UR 6913N 03323E 2  
UR 6912N 03328E 2  
UR 6926N 03224E 2  
UR 6925N 03226E 2  
UR 6940N 03210E 1  
UR 6910N 03508E 1  
UR 6804N 03932E 1  
UR 4355N 13528E 2  
UR 6902N 03304E 2  
UR 5450N 02028E 2  
UR 6920N 03249E 2  
UR 6915N 03350E 2  
UR 6912N 03326E 2  
UR 4307N 13220E 2  
UR 4252N 13232E 2  
UR 4252N 13241E 2  
UR 4255N 13225E 2  
UR 4256N 13220E 2  
UR 4902N 14016E 2  
UR 4858N 14017E 2  
UR 5545N 03737E 2  
UR 5955N 03020E 4  
UR 5254N 11332E 4  
UR 7037N 14753E 2  
UR 5906N 03810E 2  
ID 0633S 10740E 1  
ID 0633S 10740E 1

CHEPELEVKA AIRFIELD  
ENGELS AIRFIELD  
SIAULIAI AIRFIELD  
BORZYA AIRFIELD NORTHWEST 25X6  
BARANOVICHI AIRFIELD  
MINSK/MACHULISHCHE AIRFIELD  
OLENEGORSK AIRFIELD  
SPASSK-DALNIY AIRFIELD EAST  
SREDNIY AIRFIELD  
NAGURSKOYE AIRFIELD  
BYKHOV AIRFIELD  
KALININGRAD/PROVEREN AIRFIELD  
ORSHA AIRFIELD SOUTHWEST

UR 4947N 03026E 2  
UR 5129N 04611E 2  
UR 5553N 02323E 1  
UR 5024N 11623E 2  
UR 5306N 02603E 2  
UR 5347N 02735E 1  
UR 6809N 03327E 2  
UR 4437N 13253E 1  
UR 7930N 09110E 1  
UR 8047N 04733E 1  
UR 5331N 03012E 1  
UR 5446N 02025E 1  
UR 5426N 03018E 1

## TOP SECRET CHESS RUFF

Handle Via  
TALENT-KEYHOLE  
Control System Only

TCS-80489/65

25X1A

BELAYA TSERKOV AIRFIELD  
ZHITOMIR/SKOMOROKHI AIRFIELD  
ANISOVO GORODISHCHE AIRFIELD  
GOMEL/PRIBYTKI AIRFIELD  
BOBRUYSK AIRFIELD  
OSTROV VRANGELYA/SOMNITELNAYA AIRFIELD  
KALININ AIRFIELD  
SOLTSY AIRFIELD  
TARTU AIRFIELD 25X2  
MAL-YAVR AIRFIELD 25X6  
SEVEROMORSK AIRFIELD  
OSTROV/GOROKHOVKA AIRFIELD  
AKHTUBINSK FLIGHT TEST CENTER  
SEMPLAK AIRFIELD

UR 4947N 03001E 2  
UR 5010N 02844E 2  
UR 5414N 03422E 1  
UR 5218N 03110E 1  
UR 5306N 02912E 1  
UR 7057N 17936W 1  
UR 5649N 03545E 1  
UR 5808N 03020E 2  
UR 5824N 02646E 2  
UR 6852N 03343E 2  
UR 6901N 03325E 2  
UR 5718N 02826E 2  
UR 4818N 04611E 2  
ID 0632S 10645E 1

PARNU AIRFIELD

UR 5825N 02428E 1

25X6

DODONOVO ATOMIC ENERGY COMPLEX  
CHIANG-YU IRON AND STEEL PLANT

UR 5616N 09328E 3  
CH 3146N 10446E 3

25X2

PECHENGA NAVAL BASE LINAKHAMARI  
KRONSHTADT NAVAL BASE AND SHIPYARD  
TA-KU NAVAL FACILITY  
LIEPAJA NAVAL BASE AND SHIPYARD  
LENINGRAD SHIPYARD SUDOMEKH 196  
LENINGRAD SHIPYARD BALTYSK ORDZH 189  
LENINGRAD SHIPYARD ZHDANOV 190  
LENINGRAD SHIPYARD ADMIRALTY 194  
NAKHODKA NAVAL BASE AND PORT  
CHEREPOVETS RESERVOIR LOCK  
BELOZERSK LOCKS

UR 6939N 03122E 1  
UR 5959N 02947E 1  
CH 3900N 11740E 2  
UR 5633N 02102E 2  
UR 5956N 03017E 2  
UR 5955N 03016E 2  
UR 5952N 03014E 2  
UR 5955N 03016E 2  
UR 4248N 13254E 2  
UR 5913N 03829E 2  
UR 6010N 03713E 2

ARKHANGELSK HF COMMUNICATIONS FACILITY  
NARO-FOMINSK SUSP AMM PHASED-ARRAY RADAR  
VINNITSA SUSPECT SPACE TRACKING FACILITY  
DJAKARTA COMPLEX  
OKHA COMPLEX

UR 6418N 04038E 1  
UR 5529N 03641E 1  
UR 4913N 02846E 1  
ID 0610S 10650E 3  
UR 5335N 14256E 2

25X1B

TOP SECRET CHESS RUFF

Handle Via  
TALENT-KEYHOLE  
Control System Only

Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

MISSION 1018-1, 26-29 MAR 65

TCS-80489/65

25X1B



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TOP SECRET CHESS RUFF

Handle Via  
TALENT-KEYHOLE  
Control System Only

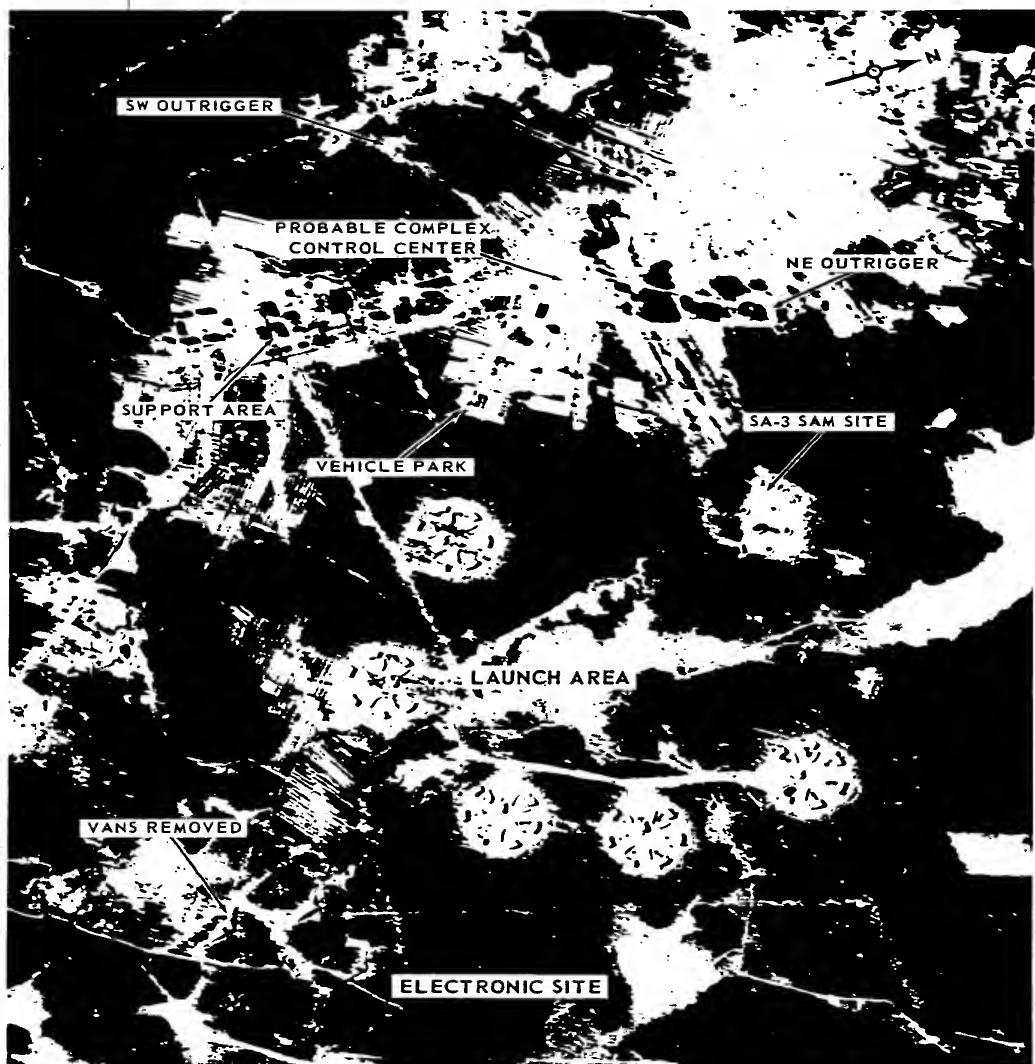
**Attachments**

Handle Via  
TALENT-KEYHOLE  
Control System Only

## TOP SECRET CHESS RUFF

MISSION 1018-1, 26-29 MARCH 1965

TCS-80489/65  
ATTACHMENT 1



NPIC J-6939 (4/65)

NORTHWEST AMM/SAM LAUNCH COMPLEX, LENINGRAD, USSR

Handle Via  
TALENT-KEYHOLE  
Control System Only

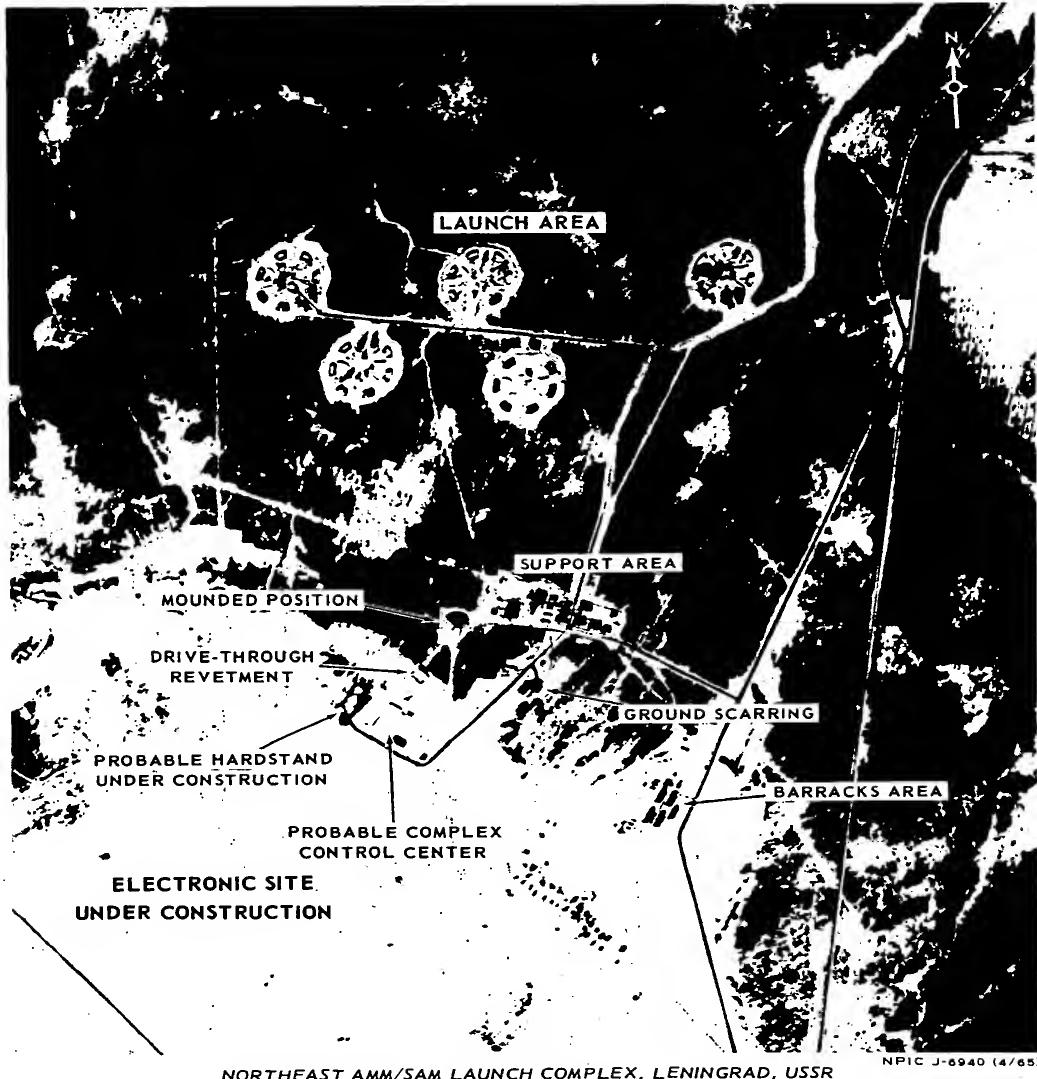
## TOP SECRET CHESS RUFF

**TOP SECRET CHESS RUFF**

Handle Via  
TALENT-KEYHOLE  
Central System Only

MISSION 1018-1, 26-29 MARCH 1965

TCS-80489/65  
ATTACHMENT 2



NPIC J-6940 (4/65)

Handle Via  
TALENT-KEYHOLE  
Central System Only

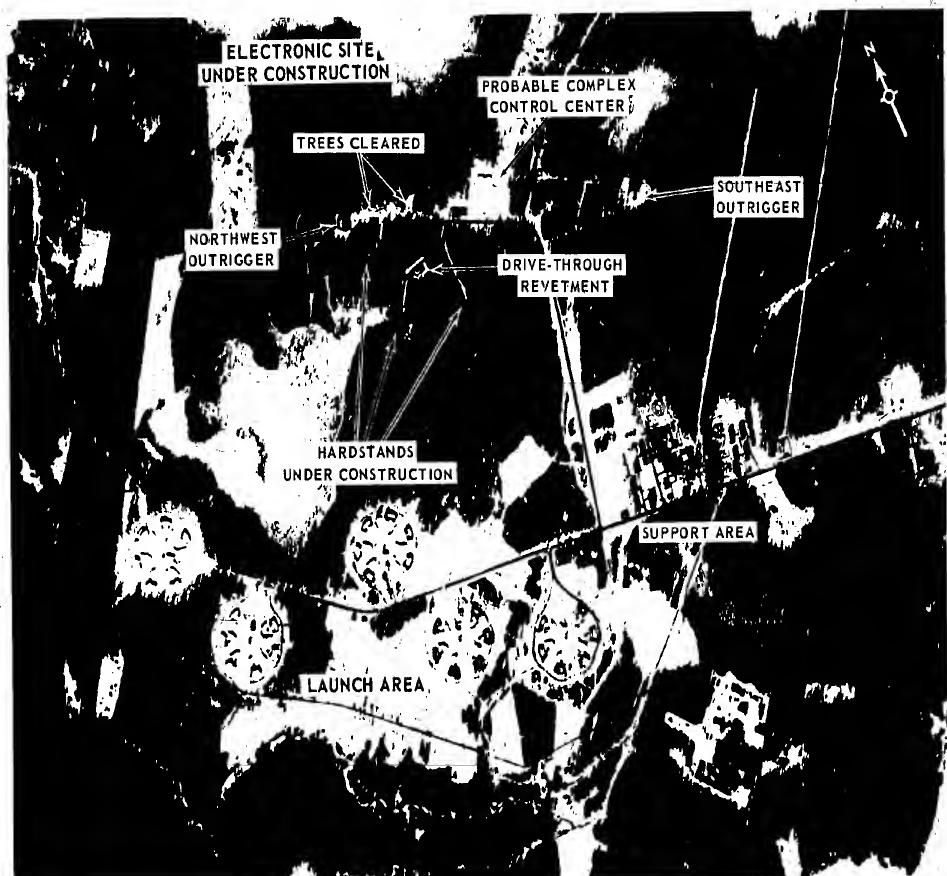
**TOP SECRET CHESS RUFF**

TOP SECRET CHESS RUFF

Handle Via  
TALENTKEYHOLE  
Control System Only

MISSION 101B-1, 26-29 MARCH 1965

TCS-804889/65  
ATTACHMENT 3



SOUTHWEST AMM/SAM LAUNCH COMPLEX, LENINGRAD, USSR

NPIC J-6941 (4/65)

Handle Via  
TALENTKEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

TOP SECRET

TOP SECRET